Form PTO 948 (Rev. 8-98)

The drawing(s) filed (insert date/B-/9-99are:

U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office

A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.

B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require

Application NO 9/420,887

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

submission of new, corrected drawings when necessary. Corrected drawing must be sumitted according to the instructions on the back of this notice. 8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) 1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Words do not appear on a horizontal, left-to-right fashion Black ink. Color. when page is either upright or turned so that the top Color drawings are not acceptable until petiton is granted. becomes the right side, except for graphs. Fig(s)_ Fig(s) 9. SCALE 37 CFR 1.84(k) This first the scale not large enough to show mechanism without Pencil and non black ink not permitted. Fig(s)_ 2. PHOTOGRAPHS. 37 CFR 1.84 (b) crowding when drawing is reduced in size to two-thirds in _ 1 full-tone set is required. Fig(s) Photographs not properly mounted (must use brystol board or photographic double-weight paper). Fig(s) reproduction. Fig(s)

10. CHARACTER OF LINES, NUMBERS, & LETTERS. Foor quality (half-tone). Fig(s) 37 CFR 1.84(i) 3. TYPE OF PAPER. 37 CFR 1.84(e) Lines, numbers & letters not uniformly thick and well Paper not flexible, strong, white, and durable. defined, clean, durable, and black (poor line quality). Fig(s)

11. SHADING. 37 CFR 1.84(m)

Solid black areas pale. Fig(s)

Solid black shading not permitted. Fig(s) Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) Mylar, velum paper is not acceptable (too thin). Shade lines, pale, rough and blurred. Fig(s)

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) 37 CFR 1.84(p) Numbers and reference characters not plain and legible.... All drawing sheets not the same size. Fig(s) Sheet(s)_ Figure legends are poor. Fig(s) Drawings sheets not an acceptable size. Fig(s)

5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm Fig(s) English alphabet not used. 37 CFR 1.84(p)(2) SIZE: A4 Size Figs______Numbers, letters and reference characters must be at least Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Margins not acceptable. Fig(s) Left (L) 191 Top (T) Bottom (B) Right (R) Lead lines cross each other. Fig(s) 6. VIEWS. 37 CFR 1.84(h) Lead lines missing. Fig(s) REMINDER: Specification may require revision to 14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t) correspond to drawing changes. Sheets not numbered consecutively, and in Arabic numerals Partial views. 37 CFR 1.84(h)(2) beginning with number 1. Sheet(s) Brackets needed to show figure as one entity. 15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

Views not numbered consecutively, and in Arabic numerals, Fig(s) Views not labeled separately or properly. beginning with number 1. Fig(s) _ 16. CORRECTIONS. 37 CFR 1.84(w) Fig(s) Enlarged view not labeled separetely or properly. Corrections not made from prior PTO-948 Fig(s) 7. SECTIONAL VIEWS. 37 CFR 1.34 (h)(3) dated 17. DESIGN DRAWINGS. 37 CFR 1.152 Hatching not indicated for sectional portions of an object. Surface shading shown not appropriate. Fig(s) Fig(s) Solid black shading not used for color contrast. Sectional designation should be noted with Arabic or Fig(s) Roman numbers. Fig. 5)_ COMMENTS

ATTACHMENT TO PAPER NO. ______